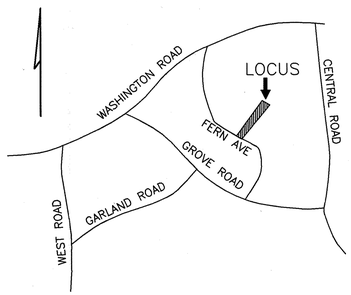
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 63B (REF APPVL #83028)

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 TOP OF EXIS TANK EL 75.9

#2 SET MAG NAIL EL 75.69

#3 SET NAIL OAK EL 71.52

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 73.9
2. THERE IS/ARE APPROX 2' FT ABOVE ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (OG DETERMINED FROM PREVIOUS APPROVAL)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

- 50 / (50) — EXISTING CONTOUR / PROPOSED CONTOUR
- 50.0 / (50.0) — EXISTING SPOT ELEVATION / PROPOSED SPOT ELEVATION

NOTES:

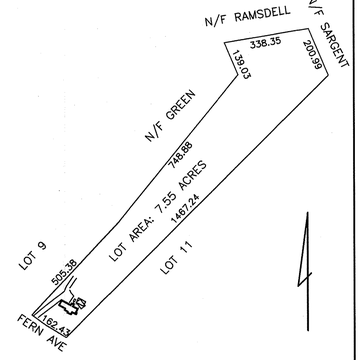
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:

   RCRD PLAN D5779

2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: #9068

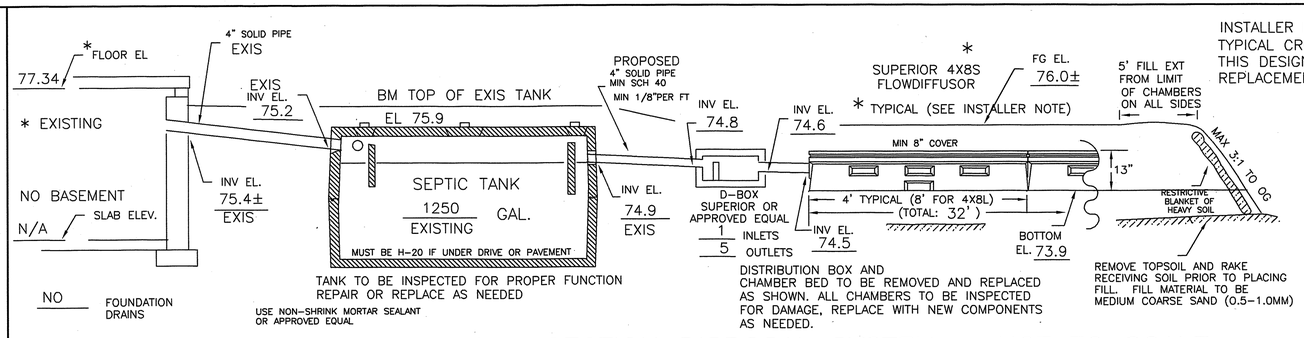
PREVIOUS CONSTRUCTION APPVL #83028

3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.

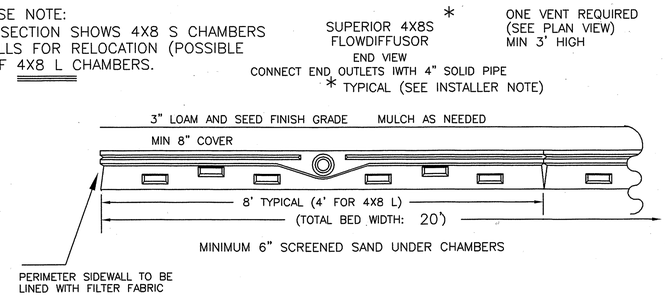


PLOT PLAN

1"=APPROX 300'

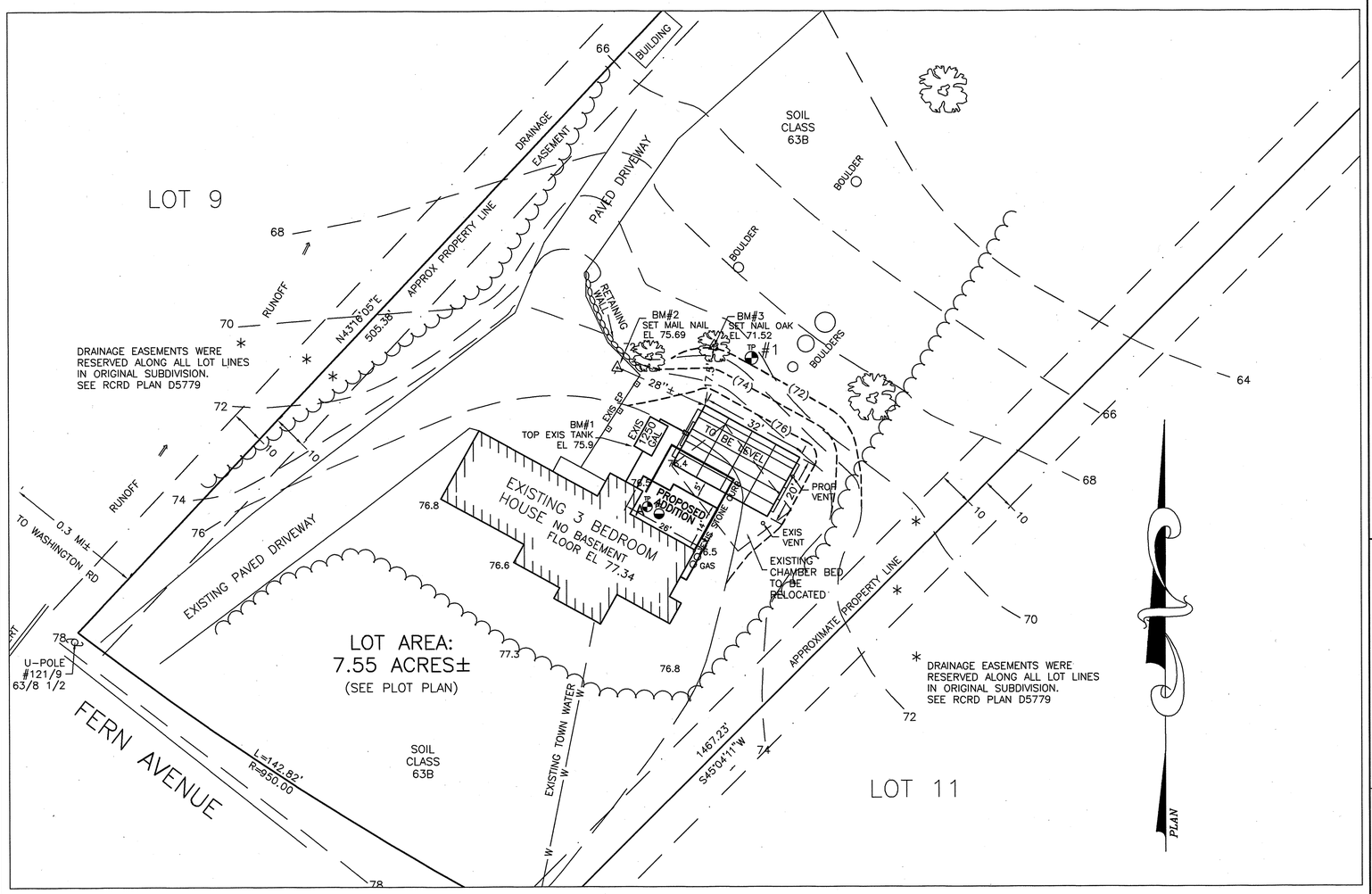

* FLOOR EL
77.34
* EXISTING
NO BASEMENT
N/A
SLAB ELEV.
4" SOLID PIPE
EXIS
EXIS INV EL. 75.2
INV EL. 75.4± EXIS
BM TOP OF EXIS TANK
EL 75.9
SEPTIC TANK
1250 GAL.
EXISTING
MUST BE H-20 IF UNDER DRIVE OR PAVEMENT
NO FOUNDATION DRAINS
TANK TO BE INSPECTED FOR PROPER FUNCTION
REPAIR OR REPLACE AS NEEDED
USE NON-SHRINK MORTAR SEALANT OR APPROVED EQUAL
PROPOSED 4" SOLID PIPE MIN SCH 40 MIN 1/8"PER FT
INV EL. 74.9 EXIS
INV EL. 74.8
D-BOX SUPERIOR OR APPROVED EQUAL
1 INLETS
5 OUTLETS
INV EL. 74.5
DISTRIBUTION BOX AND CHAMBER BED TO BE REMOVED AND REPLACED AS SHOWN. ALL CHAMBERS TO BE INSPECTED FOR DAMAGE, REPLACE WITH NEW COMPONENTS AS NEEDED.
* SUPERIOR 4X8S FLOWDIFFUSOR
* TYPICAL (SEE INSTALLER NOTE)
INV EL. 74.6
FG EL. 76.0±
5' FILL EXT FROM LIMIT OF CHAMBERS ON ALL SIDES
MIN 8" COVER
4' TYPICAL (8' FOR 4X8L)
(TOTAL: 32')
13"
MAX 3:1 TO OG
RESTRICTIVE BLANKET OF HEAVY SOIL
BOTTOM EL. 73.9
REMOVE TOPSOIL AND RAKE RECEIVING SOIL PRIOR TO PLACING FILL. FILL MATERIAL TO BE MEDIUM COARSE SAND (0.5-1.0MM)

INSTALLER PLEASE NOTE:
TYPICAL CROSS SECTION SHOWS 4X8 S CHAMBERS
THIS DESIGN CALLS FOR RELOCATION (POSSIBLE REPLACEMENT OF 4X8 L CHAMBERS.


* SUPERIOR 4X8S FLOWDIFFUSOR
END VIEW
CONNECT END OUTLETS IWTH 4" SOLID PIPE
* TYPICAL (SEE INSTALLER NOTE)
ONE VENT REQUIRED (SEE PLAN VIEW) MIN 3' HIGH
3" LOAM AND SEED FINISH GRADE
MULCH AS NEEDED
MIN 8" COVER
8' TYPICAL (4' FOR 4X8 L)
(TOTAL BED WIDTH: 20')
MINIMUM 6" SCREENED SAND UNDER CHAMBERS
PERIMETER SIDEWALL TO BE LINED WITH FILTER FABRIC

CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

PLAN : 1"=20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: 6/24/04

TOWN INSPECTOR: SUSAN ZARLENGO

TEST PIT #1 EL 70.3

0-6" LOAM AND ROOT MAT
6-36" 10YR4/6 GRAVELLY FINE SANDY LOAM
GRANULAR FRIABLE
36-60" 2.5Y5/4 GRAVELLY LOAMY SAND
GRANULAR FRIABLE TO LOOSE
STONES TO 24"
ESHWT @ 36", ROOTS TO 4'±, NO OBS H20
NO REFUSAL

TEST PIT A (PER ORIGINAL APPROVAL BY OTHERS)

PIT ELEVATION 73.5
0-3" WOODS MAT
3-10" DARK BROWN LOAM
10-36" ORANGE BROWM LOAMY SAND AND STONES
36-74" YELLOW BROWN SAND AND STONES
ESHWT @ 36"

PT PERC TEST DATA

DATE: FROM ORIGINAL APPROVAL

PERC RATE: 12 MIN/IN DEPTH: 30"

DESIGN LOADING: 3 BEDROOMS

AREA REQUIRED: 900 SFX0.6=540 (594 PER ORIGINAL PLAN) (CHAMBERS)

AREA PROPOSED: EXIS BED = 20X32=640 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

LOCUS: 50 FERN AVENUE
RYE, NH

OWNER: ROBERT & LORETTA SIVRET
50 FERN AVENUE
RYE, NH 03870

NEW HAMPSHIRE Designer of Subsurface Disposal Systems * * * Ann W. Bialobrzeski No. 348 — Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: JULY 3, 2004

APPROVAL: CA2004063940